

damping throttle, said damping throttle being adapted to throttle in both laminar fashion (49) and turbulent fashion (39).

13. The fuel injection device of claim 12, wherein said damping throttle is embodied in a support plate (38), which support plate is disposed between the damping chamber (40) and the relief chamber (41) and which closes off the damping chamber (40) toward the relief chamber (41).

14. The fuel injection device of claim 12, wherein said turbulent throttle (39) of the damping throttle is embodied in the form of a through bore (45) that connects the damping chamber (40) and the relief chamber (41).

15. The fuel injection device of claim 14, wherein said through bore (45) has a countersunk recess (47) on at least one end.

16. The fuel injection device of claim 12, wherein said laminar throttle of the damping throttle is embodied in the form of a gap (49).

17. The fuel injection device of claim 13, wherein said support plate (38), on its side toward the damping chamber (40), has at least one indentation (51), which with the magnet valve (24), in particular the electromagnet (29) of the magnet valve (24), forms a gap (49).

18. The fuel injection device of claim 17, wherein said indentation (51) is round and is disposed substantially concentrically with the through bore (45).

19. The fuel injection device of claim 17, wherein said indentation (51) or indentations (51) are grooves extending substantially radially to the longitudinal axis of the through bore (45).

20. The fuel injection device of claim 16, wherein the thickness of said gap (49) or the depth of the indentation (51) or indentations (51) is from 0.1 to 0.2 mm.

21. The fuel injection device of claim 17, wherein said the indentation (51) intersects at least one recess (53) in said support plate (38).

22. The fuel injection device of claim 13, wherein said support plate (38) is mounted detachably in the fuel injection device.

23. The fuel injection device of claim 13, wherein said turbulent throttle (39) of the damping throttle is embodied in the form of a through bore (45) that connects the damping chamber (40) and the relief chamber (41).

24. The fuel injection device of claim 23, wherein said through bore (45) has a countersunk recess (47) on at least one end.

25. The fuel injection device of claim 14, wherein said support plate (38), on its side toward the damping chamber (40), has at least one indentation (51), which with the magnet valve (24), in particular the electromagnet (29) of the magnet valve (24), forms a gap (49).

26. The fuel injection device of claim 15, wherein said support plate (38), on its side toward the damping chamber (40), has at least one indentation (51), which with the magnet valve (24), in particular the electromagnet (29) of the magnet valve (24), forms a gap (49).